IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re F	atent A	Applic	ation of:	
Raine	HAIN	BERG	GER et al.	
Applic	ation N	o.:		Group Art Unit:
Filed:	(Conc	urrent	ly)	Examiner:
For:	OPTIO	CAL F	REGENERATOR IN OPTICAL FI	BER COMMUNICATION SYSTEM
			INFORMATION DISCLOS	GURE STATEMENT
PO Bo	x 1450		Patents 313-1450	
Sir:				
subjec	ed cert t U.S. _I	ain in paten	formation which the Examiner ma	ovisions of 37 CFR § 1.56, there is hereby by consider material to the examination of the the Examiner make this information of record oject application.
	1.	Enc	losures accompanying this Inform	nation Disclosure Statement are:
	1b.		Application publications.	cept for U.S. Patents and U.S. Patent
			or a PCT International Search F	
	1d.			omplete, Abstract or relevant portion(s)) ge publications as indicated on the attached
	1e.	\boxtimes		eferences (ATTACHMENT 1(e), hereto) for of non-English publications.
	2. 🗵			a concise explanation of what is presently ach non-English language publication is
	2a.	\boxtimes	"English language version of the degree of relevance found by the	guage publication(s) cited on the enclosed search report or action which indicates the foreign office". (See MPEP § 609, offormation Disclosure Statement, Part A(3):
	2b.		set forth in the application.	

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.	APPLICATION NO.					
1826.1088						
FIRST NAMED INVENTOR						
Rainer HAINBERGER et al.						
FILING DATE	GROUP ART UNIT					

(Concurrently)

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ILS. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	2001/21288	09/13/2001	Watanabe et al.			
	AB ·	5,350,913	09/27/1994	Aoshima et al.			
	AC	6,141,129	10/31/2000	Mamyshev			
	AD	6,433,899	08/13/2002	Anslow et al.			·
	AE	5,657,154	08/12/1997	Yoneyama			
	AF	6,504,637	01/07/2003	Yokoyama et al.		<u>-</u>	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSL YES	ATION NO	ABSTRACT
	AG	8-288916	11/01/1996	Japan		×	

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			7 7	
			TRANSL YES	ATION NO
	АН	Neal S. Bergano, "Undersea Amplified Lightwave Systems Design", in Kaminov et al., Optical Fiber Telecommunications, Volume IIIA, Chapter 10, 1997, pp. 302-335		
	Al	N. S. Bergano et al., "Margin Measurements in Optical Amplifier Systems", IEEE Photonics Technology Letters, Vol. 5, No. 3, March 1993, pp. 304-306		
	AJ	Akira Hirano et al., "All-Optical Discrimination Based on Nonlinear Transmittance of MQW Semiconductor Optical Gates", Journal of Lightwave Technology, Vol. 17, No. 5, May 1999, pp. 873-884		
	AK	Ernesto Ciaramella et al., "All-Optical Signal Reshaping via Four-Wave-Mixing in Optical Fibers", IEEE Photonics Technology Letters, Vol. 12, No. 7, July 2000, pp. 849-851		
	AL	Mingshan Zhao et al., "All-Optical 2R Regeneration Based on Polarization Rotation in a Linear Optical Amplifier", IEEE Photonics Technology Letters, Vol. 15, No. 2, February 2003, pp. 305-307		
	АМ	P. V. Mamyshev, "All-Optical Data Regeneration Based on Self-Phase Modulation Effect", ECOC'98, September 1998, Madrid, Spain, pp. 475-476		
EXAMINER		DATE CONSIDERED		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPLANATIONS OF RELEVANCY OF REFERENCES

ATTORNEY DOCKET NO.	APPLICATION NO.
1826.1088	
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Rainer HAINBERGER	ot al
Name namberger	stal.
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References AA and AB are cited on the attached International Search Report.

References AC – AM are discussed on the specification.

References AG corresponds to Reference AE.

2c. satisfied for the non-English language publication(s) indicated on the attached PTO-1449 as having an English language translation (complete, Abstract or relevant portion(s)) attached thereto. enclosed as Attachment 1(e), hereto. 3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h). Respectfully submitted, STAAS & HALSEY LLP 12/19/05 1201 New York Ave., N.W., Suite 700 Richard A. Gollhofer Washington, D.C. 20005 Registration No. 31,106

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